

What is Claimed is:

1. A pharmaceutical composition comprising a single dosage formulation of metformin and glipizide,  
5 said formulation designed to control moisture so that the glipizide does not hydrolyze.

2. The pharmaceutical composition as defined in  
Claim 1 wherein the single dosage formulation is a  
10 tablet.

3. The pharmaceutical composition as defined in  
Claim 2 further including an outer protective coating or  
finishing layer surrounding said tablet.  
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4. A method for treating type 2 diabetes which  
comprises administering to a patient in need of treatment  
a therapeutically effective amount of a pharmaceutical  
composition comprising a combination of metformin and  
20 glipizide in a single dosage form, which dosage form  
controls moisture so that the glipizide does not  
hydrolyze.

5. The method as defined in Claim 4 wherein the  
25 amount of metformin and glipizide in the combination is  
that employed in generally accepted medical practice for  
treating diabetes.

6. The method as defined in Claim 5 wherein the  
30 dosage of metformin administered is from about 250 mg to  
about 2500 mg/day.

7. The method as defined in Claim 6 wherein the  
metformin is administered in 250 mg increments.  
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8. The method as defined in Claim 5 wherein the dosage of glipizide administered is from about 1.25 to about 25 mg/day.

5 9. The method as defined in Claim 8 wherein the glipizide is administered in about 2.25 mg increments.

10 10. The method as defined in Claim 4 wherein the metformin is employed in a weight ratio to glipizide within the range from about 1000:1 to about 100:1.

11. The pharmaceutical formulation as defined in Claim 2 which includes a dosage of metformin of from about 250 to about 2500 mg/day and a dosage of glipizide from about 1.25 to about 25 mg/day.

12. The pharmaceutical formulation as defined in Claim 2 wherein the metformin is employed in a weight ratio to the glipizide within the range from about 1000:1 to about 100:1.

13. The pharmaceutical formulation as defined in Claim 2 wherein the dosage of metformin is 250 mg and the dosage of glipizide is 1.25 mg.

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14. The pharmaceutical formulation as defined in Claim 2 wherein the dosage of metformin is 250 mg and the dosage of glipizide is 2.50 mg.

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15. The pharmaceutical formulation as defined in Claim 2 wherein the dosage of metformin is 500 mg and the dosage of glipizide is 2.50 mg.

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16. The pharmaceutical formulation as defined in Claim 2 wherein the dosage of metformin is 500 mg and the dosage of glipizide is 5.00 mg.